



US Army Corps
of Engineers
Honolulu District



LAUPAHOEHOE HARBOR LAUPAHOEHOE, ISLAND OF HAWAII

Project Location. Laupahoehoe Harbor is located on the northeast coast of Hawaii about 25 miles from Hilo.

Authorization. The project was authorized by Section 107 of the River and Harbor Act of 1960, as amended.

Local Sponsor. The local sponsor is the County of Hawaii Department of Parks and Recreation. They also operate and maintain the project.

Completed Work. The project consists of a breakwater 200 feet long, a wave absorber 60 feet long, an entrance channel 9.5 feet deep, a turning basin 7.5 feet deep, and boat launch ramp. The project was completed in August 1988 at a cost of \$3,760,000 (federal: \$2,930,000; non-federal: \$830,000). A contract for additional work was awarded for \$235,000 in September 1989 for the removal of a rock shelf adjacent to the seaward edge of the turning basin and placement of revetment stone to improve navigation safety. Construction was completed in June 1990. The project, under the Corps' O&M program, was inspected in Fiscal Year 1999.

Breakwater monitoring was initiated in September 1991 with the surveying and targeting of selected dolos along the breakwater length in coordination with an aerial photogrammetric study of this structure. The period of study is 5 years. The object of this monitoring is to ascertain the stability of this uniquely designed and constructed structure. High surf damaged the County of Hawaii launch ramp in December 1991. The Corps provided technical assistance to the County for repair of the ramp.

Present Status. There are no on-going actions by the Corps at this time, except to continue monitoring for O&M.